



OFFICE MEMORANDUM

DATE: June 6, 2000

TO: Region Engineers
Region Associate Delivery Engineers
Region Construction Engineers
Resident/Project Engineers/TSC Managers

FROM: C. Thomas Maki
Chief Operations Officer

Gary D. Taylor
Chief Engineer/Deputy Director
Bureau of Highway Technical Services

SUBJECT: Bureau of Highway Instructional Memorandum 2000-10
Temporary Pavement Markings in Construction Zones

The purpose of this memo is to alert department staff and contractors of the selection of temporary markings in construction zones. The intent is to minimize the scarring of our pavements due to marking removals.

Type R Tape or temporary raised pavement markers shall be used between May 1 and October 1 and at other times when environmental conditions allow for its placement. For all other times and when conditions prohibit placement of tape, Type NR Paint and an appropriate removal quantity should be used. If construction dates are unknown, specify Type R Tape. This should avoid cost overruns due to a switch from Type NR Paint and removal to Type R Tape.

Although the price of paint, including its removal, is lower than Type R Tape, the result is scarring of the pavement. Unless this scarring is covered by permanent pavement markings, it will provide delineation to the motorists that differs from what is intended for that roadway. Therefore, unless environmental conditions prohibit the placement of tape or the Engineer documents another reason, the changing of product from tape to paint shall not be permitted.

In the design of the maintaining traffic, only Type R Tape or temporary raised pavement markers shall be specified where markings applied need to be removed during or at the end of the contract, unless it is known the project will start early or late in the construction season (before May 1st/after October 1st). For projects with early or late starts and/or planned traffic shifts during those times, Type NR Paint quantities and removal quantities may be included.

Consideration should also be given to the use of Type R Tape along channelizing devices where a static closure or traffic shift is in place for more than one month.

These changes should be incorporated into all projects not yet out for bid. Those projects out to bid or already let should follow these recommended actions unless it would require a change order.

If you have any questions or comments, please contact Michael Scheuer at 517-373-3340 or Brian Zimmerman at 517-335-2859.

Chief Operations Officer

Chief Engineer/Deputy Director
Bureau of Highway Technical Services

BOHTS:T&S:MWB:jp/kab

Index: Pavement Marking

cc:	C&T Division Engineers	J. Culp
	C&T Division Technicians	S. Cook
	Real Estate, M. Frierson	R. Endres
	Design Division, P. Miller	T. Hynes
	Maintenance Division, C. Roberts	G. Mayes
	Traffic & Safety Division, J. O'Doherty	P. O'Rourke
	OEO - A. Suber	D. Smiley
	T. Maki	J. Staton
	G. Taylor	R. Till
	J. Klee	M. Scheuer
	S. Kulkarni	B. Zimmerman
	J. Reincke	J. Poole
	R. Knapp	M. Maloney
	J. Ruskowski	J. Finch
	V. Blaxton	J. Saller
	B. Jay	R. Briere
	K. Trentham	P. Ajegba
	MRBA	R. Lariviere
	MAPA	D. Lund
	MCPA	S. Conradson
	MCA	P. Wisniewski
	MAA	J. Gailitis
	AUC	
	CRAM	
	MRPA	